FCS Express 7 Cytometry

RUO

Spreadsheets = a Formula for Great Results

FCS Express™ 7 uses Spreadsheets to perform the same calculations normally done in Microsoft Excel® post-analysis. Cut out the middle-man and derive spreadsheet cell values directly from statistics in your layouts, gates, tokens, and **data files**, while generating charts that update in real time.

Spreadsheet Features

- Formulas
- Function library
- Conditional formatting
- Cell formatting
- Freeze panes
- Comments
- … and many more!

	FITC	PE	PerCP-Cy5.5	PE-Cy7	APC	APC-H7	V450	V500
M1	56.58	44.16	15.18	22.08	187.6	0	313.88	607.81
M2	1818.84	1718.1	506.46	311.88	1920.8	1250.2	1646.54	2053.52
M3	14735.64	14209.86	4364.94	2644.08	14213.5	9725.8	11231.85	11752.55
M4	41860.92	40173.18	14921.94	10414.86	42119	31798.2	30932.48	32224.57
M5	105084.24	101125.02	54574.86	46011.96	107253.3	88037.6	84377.86	86608.94
M6	202089.95	204531.17	195759.91	198312.21	203804.3	201294.8	201073.39	200134.42

	A	B	C	D	E
1	Sample Number	Parameter	MFI	95%-ile	# of events
2	42700	CD4 PE-Cy7-A	17476.72	10980.2	
3	42846	CD4 PE-Cy7-A	18765.99	22126.2	
4	42905	CD4 PE-Cy7-A	17731.63	7747.2	
5	43848	CD4 PE-Cy7-A	18828.29	15625.8	
6	44687	CD4 PE-Cy7-A	18261.3	15323.4	
7	44693	CD4 PE-Cy7-A	16576.78	17602.5	
8	44713	CD4 PE-Cy7-A	17906.3	22135.8	
9	44724	CD4 PE-Cy7-A	19921.88	11322.55	
10	44948	CD4 PE-Cy7-A	21517.61	22429	
11					
12					
13					

Data List

Iteration	File Name
1	42700040.001.fcs
2	42846038.001.fcs
3	42905039.001.fcs
4	43848022.001.fcs
5	44687016.001.fcs
6	44693017.001.fcs
7	44713018.001.fcs
8	44724015.001.fcs
9	44948035.001.fcs

Drag and Drop Single or Multiple Statistics from All Data Files at Once!
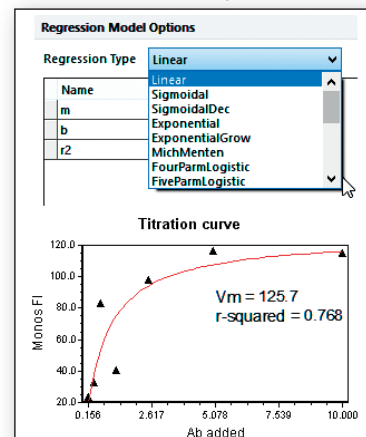
Real-time Graphing

- Show precision in bar plots with error bars

Treatment Comparison
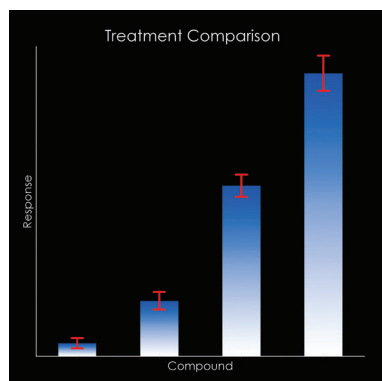
- Make data pop with exploding slices and rings on pie charts

- Compare multiple fit types and derive regression based statistics in Scatter with Regression Plots

Regression Model Options

Regression Type: Linear

Linear / Sigmoidal / SigmoidalDec / Exponential / ExponentialGrow / MichMenten / FourParmLogistic / FiveParmLogistic

Name
m
b
r2

Titration curve

$Vm = 125.7$
$r\text{-squared} = 0.768$

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